

AMMENDMENTS TO CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Current amended) An automated graphical element, of a graphical tool, that is manipulated and altered primarily by an associated user interface, wherein said element is used to visually represent a noun or verb, and where said element is comprised of the following automatically controlled elements:
 - (a) a plurality of predefined simple and complex shapes with predefined meaning
 - (b) a plurality of predefined icons representing the nouns
 - (c) variable text
 - (d) a plurality of predefined adornments with predefined meaning
 - (e) an attached, subordinate graphical container for additional text and graphical elements.
2. (Current amended) The graphical element of claim 1 wherein said icons, ~~and/or~~ text, or both can be placed within said shapes, which will then orient to the size and shape of said icon, and which are then named objects, which are semantically equivalent to simple and compound nouns.
3. (Original) The objects of claim 2 are modified with said adornments, colors, and text, which are semantically equivalent to adjectives that describe, limit, and/or indicate hierarchy, location, behaviors, and/or responsibilities.
4. (Original) The objects of claim 3 wherein said objects are allowed to be presented in graphical or text formats.
5. (Original) The objects of claim 3 are linked with said graphical elements, which are semantically representative of a plurality of verbs.

6. (Original) The objects of claim 3 wherein structured input areas are provided for the detailed specification of the object.
7. (Original) The objects of claim 3 wherein selected portions of the object specification are allowed to be displayed in a plurality of adornments to the shape.
8. (Original) The objects of claim 3 wherein there is a plurality of rule, process, and security object shapes.
9. (Original) The objects of claim 3 wherein there is a plurality of note, design point, initiative, and issue object shapes.
10. (Original) The objects of claim 3 wherein there is a plurality of adornments to identify process and hierarchy object shapes.
11. (Original) The objects of claim 3 wherein there is a plurality of user interface object shapes.
12. (Original) The objects of claim 3 wherein there is a plurality of domain object shapes.
13. (Original) The objects of claim 3 wherein there is a plurality of technology object shapes.
14. (Original) The graphical element of claim 1 wherein there is a plurality of adornments for components that contain their own icon or text.
15. (Original) The graphical element of claim 1 wherein there is an adornment to indicate plural or collections.

16. (Original) The graphical element of claim 1 wherein specification documents are automatically generated from object information.
17. (Original) The graphical element of claim 1 wherein the identity of notation objects and relationships are accessed and managed.
18. (Original) The graphical element of claim 1 wherein output is provided to business and software construction tools.
19. (Current amended) A grouping graphical element used to enclose selected shapes and said element comprising a border of any shape that ~~can~~ must be able to be infinitely, variably-shaped at all points and said element ~~may~~ must be able to have an attached, subordinate graphical container for additional elements.
20. (Current amended) A subordinate graphical container shape that is automatically connected to and controlled by a its parent shape or graphical element, comprising:
 - (a) a variable amount of text, ~~and/or~~ graphics, or both.
 - (b) an attachment point that can be positioned anywhere around the parent shape only at predetermined, appropriate points in the vicinity closest to where the user indicates.